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L1: Entry 1 of 1 File: USPT Mar 10, 1998

US-PAT-NO: 5727135
DOCUMENT-IDENTIFIER: US 5727135 A

TITLE: Multiple printer status information indication

DATE-ISSUED: March 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Webb; James Francis	Lexington	KY		
Wedinger; Jeffrey Keith	Lexington	KY		
Wellman; John Neil	Lexington	KY		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Lexmark International, Inc.	Lexington	KY			02

APPL-NO: 8/ 691631 [PALM]
DATE FILED: August 2, 1996

PARENT-CASE:
This Application is a continuation of 08/409,563 filed Mar. 23, 1995 abandoned.

INT-CL: [6] G06 K 15/00

US-CL-ISSUED: 395/113; 395/114
US-CL-CURRENT: 358/1.14; 358/1.15

FIELD-OF-SEARCH: 395/113, 395/112, 395/114, 395/101, 395/970, 395/965, 395/966, 395/185.1, 395/184.01, 395/185.01, 395/183.22, 395/339, 395/329, 355/203, 355/204, 355/205, 355/206, 355/207, 358/406, 358/437, 358/404, 358/407, 347/19, 370/449, 345/117

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5075875	December 1991	Love et al.	395/117
☐	5084875	January 1992	Weinberger et al.	355/205
☐	5164842	November 1992	Gauronski et al.	358/401
☐	5214772	May 1993	Weinberger et al.	395/575
☐	5220566	June 1993	Ikenoue	370/112
☐	5220674	June 1993	Morgan et al.	395/800
☐	5226112	July 1993	Mensing et al.	395/114
☐	5247623	September 1993	Sun	395/325
☐	5271065	December 1993	Rourke et al.	382/1
☐	5303336	April 1994	Kageyama et al.	395/114
☐	5323393	June 1994	Barrett et al.	370/85.8
☐	5333286	July 1994	Weinberger et al.	355/204
☐	5353388	October 1994	Motoyama	395/117
☐	5361265	November 1994	Weinberger et al.	355/205
☐	5371837	December 1994	Kimber et al.	395/114
☐	5438528	August 1995	Emerson et al.	364/580

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 575 168 A1	December 1993	EPX	
9411804	May 1994	WOX	

OTHER PUBLICATIONS

Frank Hayes; "The Printers Talk Back"; Dec. 1993; pp. 1-5.
HP JetDirect Network Interface Configuration Guide, Hewlett-Packard Manual Part No. J2371-90001, 1993, pp. iv-ix and Section 2 Software Installation and Configuration for Novell Netware Networks, pp. 2-2 through 2-18.
HP JetDirect EX External Network Interface Configuration Guide, Hewlett-Packard Manual Part No. J2382-90101, 1993, pp. 7-12 and Section 2 Novell NetWare Networks, pp. 2-2 through 2-36.
Lexmark WinWriter 600 User's Reference, Manual No. SA40-0779-00, 1993, Chapter 2 Using the Windows Printing System, pp. 11-26 and Chapter 3 Checking Print Status, pp. 27-39.
Network Printing Alliance Protocol, A Printer/Host Control Specification, Level 1, Revision N, Feb. 11, 1994, Developed By The Network Printing Alliance.

ART-UNIT: 266
PRIMARY-EXAMINER: Coles, Sr.; Edward
ASSISTANT-EXAMINER: Popovici; Dov
ATTY-AGENT-FIRM: Aust; Ronald K. McArdle, Jr.; John J.

ABSTRACT:

Bidirectional communications between a host computer and a selected printer connected to the host, either locally or by way of a network, are used to provide a user of the host with access to a substantially real-time, visual and functional replica of the operator panel of the selected printer. A user at the host computer may also visually monitor the status of multiple printers at the same time from the same host display.

15 Claims, 10 Drawing figures

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Terms	Documents
display$3 same (machine or printer) same status$2 same install$5	139

Database: US Patents Full-Text Database
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JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

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Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

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L2	L1	0	L2
DB=USPT; PLUR=YES; OP=OR			
L1	display$3 same (machine or printer) same status$2 same install$5	139	L1

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Search Results -

Terms	Documents
(714/47)!.CCLS. or 714/39.ccls. or 709/217.ccls. or 709/224.ccls. or 709/223.ccls. or 709/249.ccls. or 709/238.ccls. or 710/1.ccls. or 710/105.ccls. or 710/15.ccls. or 710/62.ccls. or 399/18.ccls. or 700/169.ccls. or 700/175.ccls. or 700/108.ccls. or 700/110.ccls. or 340/286.02.ccls. or 370/908.ccls. or 347/17.ccls. or 347/101.ccls.	6098

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

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	DB=PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L2	L1	0	L2
	DB=USPT; PLUR=YES; OP=OR		
L1	display$3 same (machine or printer) same status$2 same install$5	139	L1

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Search Results -

Terms	Documents
l1 and l3	23

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L3	(714/47)!.CCLS. or 714/39.ccls. or 709/217.ccls. or 709/224.ccls. or 709/223.ccls. or 709/249.ccls. or 709/238.ccls. or 710/1.ccls. or 710/105.ccls. or 710/15.ccls. or 710/62.ccls. or 399/18.ccls. or 700/169.ccls. or 700/175.ccls. or 700/108.ccls. or 700/110.ccls. or 340/286.02.ccls. or 370/908.ccls. or 347/17.ccls. or 347/101.ccls.	6098	L3
	DB=PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L2	L1	0	L2
	DB=USPT; PLUR=YES; OP=OR		
L1	display$3 same (machine or printer) same status$2 same install$5	139	L1

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(((machine or printer))and (status)) and(display*) and network

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 **Development of human-machine interface composed of virtual real interface agent on process plant operation**
Endo, M.; Koide, S.; Misono, S.; Suzuki, S.
Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings IEEE International Conference on , Volume: 5 , 1999
Page(s): 636 -641 vol.5

[Abstract] [PDF Full-Text (520 KB)] **CNF**

2 **An integrated distributed motor monitoring system**
Prasad, D.; Radhanand, A.
TENCON '98. 1998 IEEE Region 10 International Conference on Global Conne Energy, Computer, Communication and Control , Volume: 2 , 1998
Page(s): 575 -579 vol.2

[Abstract] [PDF Full-Text (300 KB)] **CNF**

3 **Current status and future prospects of poly-Si devices**
Clark, M.G.
Circuits, Devices and Systems, IEE Proceedings- , Volume: 141 Issue: 1 , Feb
Page(s): 3 -8

[Abstract] [PDF Full-Text (508 KB)] **JNL**

4 **Knowledge-based restoration guidelines**
Delfino, B.; Invernizzi, M.; Morini, A.
IEEE Computer Applications in Power , Volume: 5 Issue: 3 , July 1992
Page(s): 54 -59

[Abstract] [PDF Full-Text (996 KB)] **JNL**

5 **Japanese I/O technology-where it is and how it got there**
Myers, R.A.
CompEuro '89., 'VLSI and Computer Peripherals. VLSI and Microelectronic Ap in Intelligent Peripherals and their Interconnection Networks', Proceedings. , Page(s): P/2 -P/8

[Abstract] [PDF Full-Text (648 KB)] **CNF**

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An integrated distributed motor monitoring system

- *Prasad, D.; Radhanand, A.*
Editor(s): Dutta Roy, S.C., Purkayastha, P., Mukhopadhyay, S., Aditya, S., Ku Gopal, M.
Corp. Res. & Dev. Div., Bharat Heavy Electr. Ltd., Hyderabad, India

This paper appears in: TENCON '98. 1998 IEEE Region 10 International Confer Global Connectivity in Energy, Computer, Communication and Control
On page(s): 575 - 579 vol.2
17-19 Dec. 1998
New Delhi, India
1998
Volume: 2
ISBN: 0-7803-4886-9
IEEE Catalog Number: 98CH36229
Number of Pages: 2 vol. xvii+652
References Cited: 3
INSPEC Accession Number: 6460985

Abstract:
This paper describes a state-of-the-art distributed motor monitoring system (D computer based system communicating with individual equipment monitoring (EMUs) distributed in the field and connected in a network. The EMUs are conn daisy chain with a proprietary communication protocol. DMMS is an on-line sy developed in the Windows environment. The principal functions of DMMS are p and fault logging parameter trending, historical fault database generation, pla mimics with on-line display of machine status, implementation of advanced fa detection techniques with suggested remedial action and report generation. In applications, which require monitoring of multiple motors from a centralized lo DMMS offers a technically viable and economically attractive solution.

Index Terms:
electric motors; computerised monitoring; electric machine analysis computin diagnosis; integrated distributed motor monitoring system; state-of-the-art; i equipment monitoring units; daisy chain connection; communication protocol; system; Windows environment; fault logging parameter trending; parameter t historical fault database generation; plant/process mimics; machine status on display; report generation

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L4: Entry 8 of 23 File: USPT Feb 22, 2000

DOCUMENT-IDENTIFIER: US 6029198 A
TITLE: Information processing method and apparatus, and method and apparatus for controlling network devices

Detailed Description Paragraph Right (21):
The installation of an agent on a network board for connecting a printer to a network will be considered as an example of agent installation. This makes it possible to place the printer under the management of the network management software. By using the network management software, a user can obtain information on the printer under control and can modify the status of the printer. More specifically, the user can get the character string being displayed on a liquid crystal display panel of the printer, for example, and can change the paper supply cassette that is the default. An example in which a network board (NEB) with an installed agent is connected to a printer will be now described.

Current US Original Classification (1):
709/223

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L4: Entry 8 of 23 File: USPT Feb 22, 2000

US-PAT-NO: 6029198
DOCUMENT-IDENTIFIER: US 6029198 A

TITLE: Information processing method and apparatus, and method and apparatus for controlling network devices

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iizuka; Yoshio	Yokohama			JPX

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Canon Kabushiki Kaisha	Tokyo			JPX	03

APPL-NO: 9/ 070917 [PALM]
DATE FILED: May 4, 1998

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	9-121298	May 12, 1997

INT-CL: [7] G06 F 13/00

US-CL-ISSUED: 709/223
US-CL-CURRENT: 709/223

FIELD-OF-SEARCH: 709/200, 709/201, 709/202, 709/203, 709/217, 709/218, 709/219, 709/220, 709/221, 709/222, 709/223, 709/224

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected | Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5774667	June 1998	Garvey et al.	709/222
☐	5935217	August 1999	Sakai et al.	709/249

ART-UNIT: 277
PRIMARY-EXAMINER: Meky; Moustafa M.
ATTY-AGENT-FIRM: Fitzpatrick, Cella, Harper & Scinto

ABSTRACT:

A network device control method and apparatus for controlling various devices connected to a network cause a setting sheet that is for setting the environment of

a device to be displayed on a screen so that the environment of the device may be set. A request for read-out of management information corresponding to each control on the setting sheet is transmitted to the network. If read-out of the management information succeeds, the information is set in the corresponding control and the display state thereof is enabled. If read-out fails and the reason is that the device does not support the date, then the name of the control is displayed in gray and the display is not displayed at all. If the function is one supported by the device, on the other hand, then the name of the control is displayed at ordinary brightness and the corresponding data is displayed in gray.

33 Claims, 13 Drawing figures